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COMMITTEE ON THE PEACEFUL USES OF
OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 16 July 1991 from the Permanent Mission of the Union of Soviet Socialist Republics to the United Nations addressed to the Secretary-General

The Permanent Mission of the Union of Soviet Socialist Republics to the United Nations presents its compliments to the Secretary-General of the United Nations and, in conformity with article IV of the Convention on Registration of Objects Launched into Outer Space, has the honour to transmit information concerning space objects launched by the USSR in March and April 1991 and concerning objects previously launched into earth orbit which are no longer in orbit.

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN MARCH 1991

1. In March 1991, the USSR launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
2675	Cosmos-2136 (launched by a Soyuz carrier rocket)	6 March	336	257	62.9	90.2	Investigation of the upper atmosphere and outer space
2676	Nadezhda (launched by a Cosmos carrier rocket)	12 March	1 030	975	82.9	104.9	Determination of the position of ships of the USSR merchant marine and fishing fleet, and work in connection with the international search-and-rescue satellite system for ships and aircraft in distress (Cospas-Sarsat)
2677	Cosmos-2137 (launched by a Cosmos carrier rocket	19 March	495	448	65.9	94.0	Investigation of outer space
2678	Progress M-7	19 March	230	190	51.6	88.4	Delivery of various cargoes to the Mir manned orbital station
2679	Molniya-3 (launched by a Molniya carrier rocket)	22 March	39 082	468	62.8	701	Operation of the long-range telephone and telegraph radio-communications system, transmission of USSR Central Television programmes in the Orbita network, and international cooperation
2680	Cosmos-2138	26 March	369	175	67.2	89.6	Investigation of the upper atmosphere and outer space
2681	Almaz-1 (launched by a Proton carrier rocket)	31 March	280	170	72.7	88.7	Surveying of the territory of the Soviet Union and of other countries for purposes of geology, cartography, oceanology, ecology and agriculture; and study of the ice situation at high latitudes

All objects were launched from the territory of the USSR.

2. The following space objects ceased to exist in March 1991 and were no longer in earth orbit at 2400 hours Moscow time on 31 March 1991:

1991-002A (Progress-M6)
1991-016A (Cosmos-2136)

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN APRIL 1991

1. In April 1991, the USSR launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
2682	Cosmos-2139*	4 April	19 148	19 148	64.8	676	Testing of components and equipment of the Glonass space navigation system being set up to determine the position of civil aircraft and ships of the USSR merchant marine and fishing fleet
2683	Cosmos-2140*	"	"	"	"	"	"
2684	Cosmos-2141*	"	"	"	"	"	"
2685	Cosmos-2142 (launched by a Cosmos carrier rocket)	16 April	1 031	983	83	105	Investigation of outer space
2686	Meteor-3 (launched by a Tsiklon carrier rocket	24 April	1 229	1 190	82.6	109.5	Testing of data-gathering and measuring equipment and of methods for the remote-sensing of the atmosphere and the Earth's surface for various branches of the USSR economy and science

* Space objects Cosmos-2139, Cosmos-2140 and Cosmos-2141 were launched by a single Proton carrier rocket.

All space objects were launched from the territory of the USSR.

2. The following space objects ceased to exist in April 1991 and were no longer in earth orbit at 2400 hours Moscow time on 30 April 1991:

1989-079A (Cosmos-2046)
1990-096A (Cosmos-2103)
1991-008A (Cosmos-2124)
1991-011A (Cosmos-2134)

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COMMITTEE ON THE PEACEFUL
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Letter dated 23 July 1991 from the Permanent Mission of
the United Kingdom of Great Britain and Northern Ireland
to the United Nations

We herewith enclose technical data just received from the British National Space Centre concerning the launch of the Skynet 4C satellite which was registered in the United Kingdom on 5 June 1991. We should be grateful if you could add Skynet 4C to the United Nations register of objects launched into outer space.

Annex

REGISTER OF OBJECTS LAUNCHED INTO OUTER SPACE

Name of space object:	Skynet 4C
Owner/operator (including address):	United Kingdom Ministry of Defence
International designation:	1990-79A
Catalogue number:	20776
Date of launch and location:	30 August 1990 ELA3, Centre Spatial Guvanais Kourou French Guyana
Basic orbital parameters:	
Nodal period (seconds):	1 436.07
Inclination (°):	3.879
Apogee (km):	42 164
Perigee (km):	42 164
General function:	United Kingdom military communications satellite
Expected operational life:	10 years

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Note verbale dated 24 July 1991 from the Permanent Mission of the Union of Soviet Socialist Republics to the United Nations addressed to the Secretary-General

The Permanent Mission of the Union of Soviet Socialist Republics to the United Nations presents its compliments to the Secretary-General of the United Nations and, in conformity with article IV of the Convention on Registration of Objects Launched into Outer Space, has the honour to transmit information concerning space objects launched by the USSR in May 1991 and concerning objects previously launched into earth orbit which are no longer in orbit.

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN MAY 1991

1. In May 1991, the USSR launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics: Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	General purpose of space object
2687	Cosmos-2143*	17 May	1 444	1 414	82.6	114.2	Investigation of outer space
2688	Cosmos-2144*	"	"	"	"	"	"
2689	Cosmos-2145*	"	"	"	"	"	"
2690	Cosmos-2146*	"	"	"	"	"	"
2691	Cosmos-2147*	"	"	"	"	"	"
2692	Cosmos-2148*	"	"	"	"	"	"
2693	Soyuz TM-12	18 May	333	264	51.6	90.2	Transport to the Mir manned orbital station of an international crew comprising the cosmonauts A. Artsebarsky (USSR), S. Krikalev (USSR) and H. Sharman (United Kingdom) to conduct joint work with the cosmonauts V. Afanasyev (USSR), and M. Manarov (USSR)
2694	Resurs-F	21 May	274	194	82.3	88.8	Investigation of the natural resources of the Earth in the interests of the various branches of the national economy of the USSR, and solution of problems relating to the environment and to international cooperation
2695	Cosmos-2149	24 May	377	176	67.2	89.7	Investigation of the upper atmosphere and outer space
2696	Progress M-8	30 May	249	191	51.6	88.6	Delivery of various cargoes to the Mir orbital station

All objects were launched from the territory of the USSR.

* Space objects Cosmos-2143, Cosmos-2144, Cosmos-2145, Cosmos-2146, Cosmos-2147 and Cosmos-2148 were launched by a single Tsiklon carrier rocket.

2. The following space objects ceased to exist in May 1991 and were no longer in earth orbit at 2400 hours Moscow time on 31 May 1991:

1967-027A (Cosmos-151)
1990-107A (Soyuz TM-11)
1991-020A (Progress M-7)
1991-023A (Cosmos-2138)